1. Record Nr. UNINA9910647787103321 Intelligent cyber physical systems and internet of things: IColCl 2022 / **Titolo** / Jude Hemanth, Danilo Pelusi, Joy long-Zong Chen, editors Pubbl/distr/stampa Cham, Switzerland:,: Springer,, [2023] ©2023 **ISBN** 3-031-18497-1 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (896 pages) Collana Engineering cyber-physical systems and critical infrastructures;; Volume 3 629.8 Disciplina Soggetti Cooperating objects (Computer systems) Internet of things Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Intro -- Preface -- Contents -- Term Frequency Tokenization for Fake Nota di contenuto News Detection -- 1 Introduction -- 2 Literature Review -- 3 Methodology -- 4 Results and Discussion -- 5 Conclusion --References -- Aquaculture Monitoring System Using Internet of Things -- 1 Introduction -- 2 Related Works -- 3 Methodology -- 3.1 Data Extraction -- 3.2 Data Telemetry and Visualization -- 3.3 Parameter Prediction -- 3.4 Chatbot -- 3.5 Water Quality Maintenance -- 4 Design and Implementation -- 4.1 Hardware Details -- 4.2 Software Details -- 4.3 Overview of Implementation -- 4.4 Implementation of pH Prediction -- 5 Results and Discussion -- 5.1 Sensor Data Visualization in IBM Watson Internet of Things Platform -- 5.2 Parameter Prediction -- 5.3 Chatbot -- 5.4 Android App -- 6 Conclusion and Future Scope -- References -- A Comprehensive Study and Implementation

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4 Design of the Glove.

Sommario/riassunto

This book highlights the potential research areas of Information and Communication Technologies (ICT), such as the research in the field of modern computing and communication technologies that deal with different aspects of data analysis and network connectivity to develop solution for the emerging real-time information system challenges: contains a brief discussion about the progression from information systems to intelligent information systems, development of autonomous systems, real-time implementation of Internet of Things (IoT) and Cyber Physical Systems (CPS), fundamentals of intelligent information systems and analytical activities; helps to gain a significant research knowledge on modern communication technologies from the novel research contributions dealing with different aspects of communication systems, which showcase effective technological solutions that can be used for the implementation of novel distributed wireless communication systems. The individual chapters included in this book will provide a valuable resource for the researchers. scientists, scholars, and research enthusiasts, who have more interest in Information and Communication Technologies (ICT). Encompassing the contributions of professors and researchers from Indian and other foreign universities, this book will be of interest to students. researchers, and practitioners, as well as members of the general public interested in the realm of Internet of Things (IoT) and Cyber Physical Systems (CPS).